

Title (en)  
ADHESIVE AGENT, PACKAGING MATERIAL, AND PACKAGING CONTAINER, AND PRODUCTION METHOD FOR RECYCLED BASE MATERIAL

Title (de)  
KLEBMITTEL, VERPACKUNGSMATERIAL UND VERPACKUNGSBEHÄLTER UND HERSTELLUNGSVERFAHREN FÜR RECYCELTES BASISMATERIAL

Title (fr)  
ADHÉSIF, MATÉRIAU D'EMBALLAGE, ET PROCÉDÉ DE FABRICATION DE RÉCEPTACLE D'EMBALLAGE ET DE SUBSTRAT RECYCLÉ

Publication  
**EP 3888908 A4 20220126 (EN)**

Application  
**EP 19890170 A 20191129**

Priority

- JP 2018225007 A 20181130
- JP 2019198985 A 20191031
- JP 2019212520 A 20191125
- JP 2019046761 W 20191129

Abstract (en)  
[origin: EP3888908A1] An adhesive used for forming a removable adhesive layer constituting a packaging material in which a substrate 1 having a plastic layer and a printed layer, the removable adhesive layer, and a sealant substrate 2 are laminated in this order from an outer side, wherein the substrate 1 can be detached so that the sealant substrate 2 is recycled, wherein the adhesive has an acid number of from 5 to 40 mg KOH/g and comprises a polyester polyol component and at least one polyisocyanate component selected from the group consisting of aliphatic polyisocyanates and aromatic-aliphatic polyisocyanates.

IPC 8 full level  
**B32B 7/12** (2006.01); **B32B 27/08** (2006.01); **B32B 33/00** (2006.01); **C08G 18/10** (2006.01); **C09J 175/06** (2006.01)

CPC (source: EP)  
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C-Set (source: EP)

1. **C08G 18/10 + C08G 18/73**
2. **C08G 18/10 + C08G 18/755**
3. **C08G 18/10 + C08G 18/7621**
4. **C08G 18/10 + C08G 18/7642**
5. **C08G 18/10 + C08G 18/7671**

Citation (search report)

- [A] JP 2001261746 A 20010926 - DAINICHISEIKA COLOR CHEM
- [A] JP 2016037508 A 20160322 - TOYO BOSEKI
- [A] EP 3381994 A1 20181003 - DAINIPPON INK & CHEMICALS [JP]
- [A] WO 2017110780 A1 20170629 - DAINIPPON INK & CHEMICALS [JP]
- [A] WO 2012173182 A1 20121220 - DIC GRAPHICS CORP [JP], et al
- See also references of WO 2020111226A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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**EP 3888908 A1 20211006**; **EP 3888908 A4 20220126**; **EP 3888908 B1 20231115**; ES 2966130 T3 20240418; PH 12021551200 A1 20211025; WO 2020111226 A1 20200604

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